

Converting Colors

XYZ(38.8649, 25.9140, 26.0212)

Have a look what the booklet for
XYZ(38.8649, 25.9140, 26.0212)
contains.

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Color

**XYZ(38.7721, 25.8283,
25.8635)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6187
RGB	222, 97, 135
RGB Percent	87%, 38%, 53%
CMY	0.1294, 0.6196, 0.4706
CMYK	0.00, 0.56, 0.39, 0.13
HSL	342°, 65%, 63%
HSV	342°, 56%, 87%
XYZ	38.7721, 25.8283, 25.8635
YIQ	138.7070, 62.3020, 38.3180

Conversions

Conversions Part 2

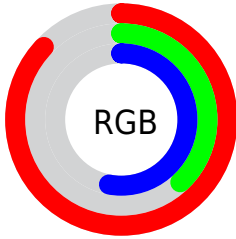
Format	Color
R _Y B	222, 97, 135
Decimal	14573959
CIE Lab	57.87, 52.40, 3.51
CIE LCh	58, 52.516, 3.828
Yxy	25.8283, 0.4286, 0.2855
Android (android.graphics.Color)	4292764039 (0xFFDE6187)
YUV	138.7070, -1.8276, 73.0480
Hunter-Lab	50.8216, 47.2411, 5.4019

Details

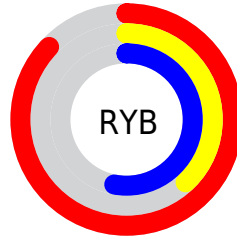
The XYZ color **38.7721, 25.8283, 25.8635** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **39.7043, 58.2453, 54.5010**, and the grayscale version is **24.4190, 25.6907, 27.9772**.

A 20% lighter version of the original color is **61.5453, 47.3473, 53.4721**, and **17.5769, 10.0443, 9.8164** is the 20% darker color. If you saturate the color by 10%, you get **35.9901, 21.8808, 19.9525**, and if you desaturate by 10%, it is **42.2873, 30.9893, 32.7984**.

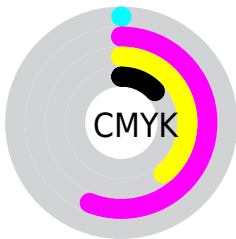
Distribution



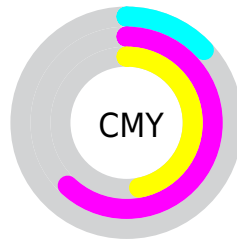
- Red (87%)
- Green (38%)
- Blue (53%)



- Red (87%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (56%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7721, 25.8283, 25.8635 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 38.7721, 25.8283, 25.8635 by changing the saturation by 10% instead.


 38.7721, 25.8283,
25.8635


 38.7721, 25.8283,
25.8635


332.1445,
281.9382, 295.6955


 26.7624, 16.6952,
16.4967


 72.5863, 52.9978,
54.0360


 17.5305, 10.0174,
9.7182


 95.1216, 71.8031,
73.6789

 10.7111, 5.4105,
5.1093


 121.8961, 94.6012,
97.5841

 5.9388, 2.4901,
2.2517

 153.2752,
121.7765, 126.1703

 2.8482, 0.8717,
0.7040

189.6242,
153.7135, 159.8560

 1.0740, 0.0000,
0.0000

231.3085,

 0.0032, 0.0000,

190.7965, 199.0597

0.0000

278.6935,
233.4099, 244.2000

■ 0.0000, 0.0000,
0.0000

■ 38.7721, 25.8283,
25.8635

■ 38.7721, 25.8283,
25.8635

■ 35.9901, 21.8808,
19.9525

■ 42.2873, 30.9893,
32.7984

■ 33.8831, 19.0416,
15.0120

■ 46.5835, 37.4494,
40.8038

■ 32.3871, 17.1942,
10.9850


■ 51.7067, 45.2911,
49.9250


■ 31.4223, 16.1914,
7.8060


■ 57.6987, 54.5888,
60.2041

■ 31.1518, 15.9406,
6.8209

■ 64.5985, 65.4116,
71.6809

 72.4425, 77.8243,
84.3933

 81.2653, 91.8876,
98.3774

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.1433, 25.8283, 46.4252



38.7721, 25.8283, 25.8635



36.0848, 25.8283, 12.8620

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.7721, 25.8283, 25.8635



18.3889, 25.8283, 7.9930



19.5719, 25.8283, 72.3205

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.7721, 25.8283, 25.8635



39.7043, 58.2453, 54.5010

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.7781, 25.8283, 52.2737



38.7721, 25.8283, 25.8635



15.1819, 25.8283, 15.4007

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.7721, 25.8283, 25.8635



23.7470, 25.8283, 5.7348



14.3147, 25.8283, 30.5096



25.3689, 25.8283, 79.0688

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.7721, 25.8283, 25.8635



32.4384, 25.8283, 8.3510



14.3147, 25.8283, 30.5096



18.0553, 25.8283, 66.5877

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.7728, 25.8296, 25.8640



78.2631, 73.5990, 81.1915



36.8507, 23.8209, 71.7629



16.3794, 15.1736, 16.7464



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.7728, 25.8296, 25.8640



48.5518, 28.9642, 25.6985



38.9894, 29.8072, 15.0095



13.8779, 13.7688, 15.1271



18.5470, 9.4858, 4.2800



1.3245, 0.6731, 0.5019

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.7728, 25.8296, 25.8640



48.5518, 28.9642, 25.6985



38.5583, 48.7016, 76.4753



13.8779, 13.7688, 15.1271



18.5470, 9.4858, 4.2800



1.3245, 0.6731, 0.5019

Previews

White Background



This preview shows how the XYZ color 38.7721, 25.8283, 25.8635 looks on a white background.

Color Contrast Check

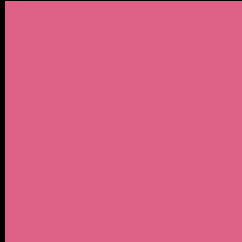
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.7721, 25.8283, 25.8635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

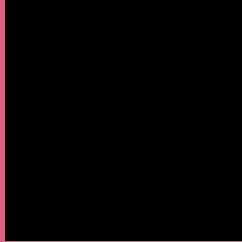
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7721, 25.8283, 25.8635

Background



This preview shows how black text looks on a background with the XYZ color 38.7721, 25.8283, 25.8635.



This preview shows how white text looks on a background with the XYZ color 38.7721, 25.8283,

25.8635.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.7721, 25.8283, 25.8635

Protanopia

25.4998, 25.9144, 36.4589

Deuteranopia

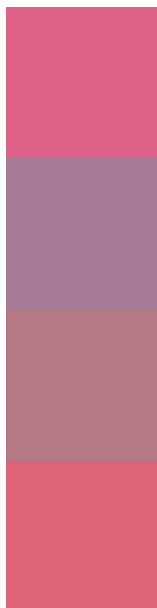
26.5310, 26.0810, 24.4047



Tritanopia

37.0269, 25.8225, 17.5007

Trichromacy



Original Color

38.7721, 25.8283, 25.8635

Protanomaly

28.5243, 24.5834, 32.0958

Deuteranomaly

29.9902, 25.1372, 24.7440

Tritanomaly

37.6460, 25.7945, 20.1342

Monochromacy



Original Color

38.7721, 25.8283, 25.8635

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.1573, 24.6853, 27.3254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7721, 25.8283, 25.8635 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 97, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 97, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 97, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 97, 135) }
```

Border

The CSS property to change the border of an element to XYZ 38.7721, 25.8283, 25.8635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 97, 135) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 97, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 97, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 97, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 97, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 97,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7721, 25.8283, 25.8635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 97, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222, 97,  
135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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